
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2011; month=8; day=1; hr=15; min=0; sec=4; ms=500;]

Validated By CRFValidator v 1.0.3

Application No: 10589447 Version No: 3.0

Input Set:

Output Set:

Started: 2011-07-26 08:50:42.045 **Finished:** 2011-07-26 08:50:43.358

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 313 ms

Total Warnings: 19
Total Errors: 0

No. of SeqIDs Defined: 19

Actual SeqID Count: 19

Error code		Error Description									
M	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)

SEQUENCE LISTING

```
<110> Glycotope GmbH
<120> Highly active glycoproteins - process conditions and an efficient
       method for their production
<130> 107753-001
<140> 10589447
<141> 2011-07-26
<160> 19
<170> PatentIn version 3.3
<210> 1
<211> 17
<212> PRT
<213> Artificial
<220>
<223> signal peptide of GM-CSF
<400> 1
Met Trp Leu Gln Ser Leu Leu Leu Gly Thr Val Ala Cys Ser Ile
              5
                              10
Ser
<210> 2
<211> 21
<212> PRT
<213> Artificial
<220>
<223> signal peptide of T cell receptor
<400> 2
Met Ala Cys Pro Gly Phe Leu Trp Ala Leu Val Ile Ser Thr Cys Leu
               5
                                  10
                                                     15
Glu Phe Ser Met Ala
    20
<210> 3
<211> 22
```

<212> PRT

<213> Artificial

```
<220>
<223> signal peptide of antibody k light chain
<400> 3
Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Trp Val Pro
                                 10
Pro Gly Ser Thr Gly Asp
           20
<210> 4
<211> 19
<212> DNA
<213> Artificial
<220>
<223> forward primer beta-actin
<400> 4
                                                                    19
ggcatcgtga tggactccg
<210> 5
<211> 19
<212> DNA
<213> Artificial
<220>
<223> reverse primer beta-actin
<400> 5
gctggaaggt ggacagcga
                                                                    19
<210> 6
<211> 21
<212> DNA
<213> Artificial
<220>
<223> forward primer C1GalT1
<400> 6
gagattccag agataccatt g
                                                                    21
<210> 7
<211> 20
<212> DNA
<213> Artificial
<220>
<223> reverse primer C1GalT1
```

```
<400> 7
                                                                    20
cgttcaggta aggtaggttg
<210> 8
<211> 30
<212> DNA
<213> Artificial
<220>
<223> forward primer C2GNT
<400> 8
gtgctcagaa tggggcagga tgtcacctgg
                                                                    30
<210> 9
<211> 30
<212> DNA
<213> Artificial
<220>
<223> reverse primer C2GNT
<400> 9
                                                                    30
tcactactag gattctcccc agcaagctcc
<210> 10
<211> 20
<212> DNA
<213> Artificial
<220>
<223> forward primer ST3Gal-I
<400> 10
                                                                    20
atgaggtgga cttgtacggc
<210> 11
<211> 18
<212> DNA
<213> Artificial
<220>
<223> reverse primer ST3Gal-I
<400> 11
aacggctcca gcaagatg
                                                                    18
<210> 12
<211> 20
<212> DNA
```

<213> Artificial

<220>		
<223>	forward primer ST3Gal-II	
<400>	12	
ccctgct	cett cacetacteg	20
<210>	13	
<211>	19	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	reverse primer ST3Gal-II	
<400>	13	
gcatcat	cca ccacctctg	19
<210>	14	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	forward primer ST6Gal-I	
<400>	14	
aaaaac	ctta tecetagget ge	22
<210>	15	
<211>	20	
<212>	DNA	
<213>	Artificial	
.000		
<220>		
<223>	reverse primer ST6Gal-I	
. 100	15	
	15	0.0
tggtagt	tttt tgtgeecaca	20
<210>	16	
<211> <212>	18 DNA	
\Z13>	Artificial	
<220>		
	forward primer ST6GalNAc-I	
·~~	TOTWALA PITMET DIOGATMAC I	
<400>	16	
. 100/	±•	
accacac	gcca agacgctc	18

20
21
22